

PATENT COOPERATION TREATY

PCT

RECEIVED

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P/3881.WOP	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/002703	International filing date (day/month/year) 16/03/2004	(Earliest) Priority Date (day/month/year) 18/03/2003
Applicant WILLETT INTERNATIONAL LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☒ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

File Demand	
19 months from priority	12/10/04
20 Month Review	
20 months from priority	12/11/04
National Phase	
30 months from priority	18/09/05
Regional Phase	
31 months from priority	18/10/05

Already on diary

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/002703

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 13
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Diagnostic method practised on the human or animal body
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2004/002703

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A device for non-invasively detecting or monitoring a medical condition in a mammal, said device comprising a member(2,3,10) adapted to be worn upon the body of the mammal to receive at least some of a bodily fluid excreted by the mammal, said member carrying one or more marker ingredients(4) which interact with one or more components of the bodily fluid to generate a colour or other visible indication, said interaction being characteristic of the medical condition in the mammal.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/002703

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61B10/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/02985 A (ROSENGREEN LEA T) 21 January 1999 (1999-01-21) figures 2,3	1,2,5, 12,14 15
Y	----	
X	WO 00/49948 A (UNIV ULSTER ;MULHOLLAND CLIVE WILLIAM (GB); NORTHROP CLEWES CHRIST) 31 August 2000 (2000-08-31) figures 1,2	1,2,5, 12,14
X	DE 100 16 383 A (SALING ERICH) 7 June 2001 (2001-06-07) figure 3	1-3,12, 14
X	DE 199 04 556 C (RAHE MARTIN) 6 July 2000 (2000-07-06) column 3, line 54-67 figure 2	1,2,4, 12,14
	----- -/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

30 June 2004

Date of mailing of the international search report

12/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Schießl, W

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/002703

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 35 04 527 A (MEDIZIN LABORTECHNIK VEB K) 6 February 1986 (1986-02-06)	1,7,8
Y	figure 1 ----	9
Y	DE 101 01 679 A (BOEHM NORBERT ;KINZL PETRA (DE)) 25 July 2002 (2002-07-25) paragraph '0019! ----	9
Y	EP 0 211 524 A (WILLETT INT LTD) 25 February 1987 (1987-02-25) cited in the application the whole document -----	15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/002703

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9902985	A	21-01-1999	AU	7832598 A	08-02-1999
			WO	9902985 A1	21-01-1999
WO 0049948	A	31-08-2000	AU	2679800 A	14-09-2000
			WO	0049948 A2	31-08-2000
DE 10016383	A	07-06-2001	DE	10016383 A1	07-06-2001
DE 19904556	C	06-07-2000	DE	19904556 C1	06-07-2000
			WO	0045705 A1	10-08-2000
			EP	1150609 A1	07-11-2001
DE 3504527	A	06-02-1986	DD	225337 A1	31-07-1985
			DE	3504527 A1	06-02-1986
			DK	302085 A	06-01-1986
DE 10101679	A	25-07-2002	DE	10101679 A1	25-07-2002
EP 0211524	A	25-02-1987	AT	67399 T	15-10-1991
			AU	595812 B2	12-04-1990
			AU	5983886 A	15-01-1987
			CA	1283814 C	07-05-1991
			DE	3681530 D1	24-10-1991
			EP	0211524 A1	25-02-1987
			ES	2000652 A6	16-03-1988
			GB	2177977 A ,B	04-02-1987
			JP	2536850 B2	25-09-1996
			JP	62069802 A	31-03-1987
			MX	168260 B	14-05-1993
			US	4909879 A	20-03-1990